



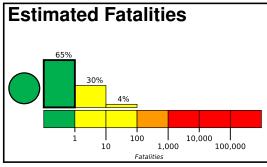


# **PAGER** Version 4

Created: 3 weeks, 1 day after earthquake

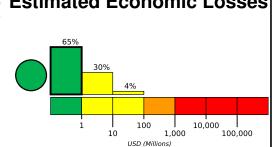
# M 5.8, Gulf of Aden

Origin Time: 2023-05-19 15:15:03 UTC (Fri 18:15:03 local) Location: 12.7964° N 49.2049° E Depth: 10.0 km





Green alert for shaking-related fatalities Estimated Economic Losses and economic losses. There is a low likelihood of casualties and damage.



**Estimated Population Exposed to Earthquake Shaking** 

Al Mukalla · E

ESTIMATED EXPOSURE	POPULATION E (k=x1000)	_*	948k*	1k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

<sup>\*</sup>Estimated exposure only includes population within the map area.

48.2 °Flawl

## Population Exposure

Mayfa`ah

13.0°N

11.8°N

Rudum

population per 1 sq. km from Landscan 5000 10000

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Qandala

### **Structures**

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building type is low-rise nonductile concrete frame with infill construction.

# **Historical Earthquakes**

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
2006-12-30	234	6.6	IV(1,258k)	_

Date	DISt.	wag.	iviax	Silakilig
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# Selected City Exposure

ı	nom Georgines.org					
ı	MMI	City	Population			
	Ш	Qandala	16k			
	Ш	Bosaso	74k			
1	Ш	Rudum	<1k			
	Ш	Las Khorey	7k			
	Ш	Al Mukalla	258k			
	Ш	Mayfa'ah	<1k			
	Ш	Burum	<1k			
1	Ш	Bereeda	11k			
ı	Ш	Al Jawl	<1k			

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Bosaso

Las Khorey